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Directv Group Inc Re R11 A109 PO Box 956

08/07/2008 HUUDHEZ - 00000020 500383

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APPLICATION NO. FILING DATE

qust 6 FIRST NAMED INVENTOR

ATTORNEY DOCKET NO

Janet

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CONFIRMATION NO.

(Signature)

(Date)

10/532,632

04/25/2005

Emest C Chen

PD-202130

1632

TITLE OF INVENTION: LOWER COMPLEXITY LAYERED MODULATION SIGNAL PROCESSOR

| ☐ A check is enclosed. | APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE | | |
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| CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. The Address form PTO/SB/122) attached. The Address indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. Adsigned NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been file recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) The DIRECTV Group, Inc. E1 Segundo, California Ab. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) Solution of the patent attorneys or agents attorneys or agents. If no name is listed, no name will be printed. 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 3 ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been file recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) E1 Segundo, California 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. | BAYARD, EMMANUEL 261 | | 2611 | 375-295000 | • | | | | |
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| | APPLICATION NO. FILING DATE | | FIRST NAMED INVENTOR | | ATTORNEY DOCKET NO. | CONFIRMATION NO. | | | |
| 10/532,632 04/25/2005 Ernest C Chen PD-202130 1632 TITLE OF INVENTION: LOWER COMPLEXITY LAYERED MODULATION SIGNAL PROCESSOR | | | | | | | | | |
| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DO | E PREV. PAID ISSU | E FEE TOTAL FEE(S) DUE | DATE DUE | | | |
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| Authorized Signature | Tool 2 | Soll | | Date Augus | t 6, 2008 | | | | |
| Typed or printed name _ | Todd N. Snyd | | | Registration No | 41,320 | | | | |
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Janet Shibata

(Printed Name of Depositor)

August 6, 2008 (Date of Signature)

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Attorney Docket No. PD-202130

Serial No.:

10/532.632

Filing Date: 04/25/2005

Title: LOWER COMPLEXITY LAYERED MODULATION SIGNAL PROCESSOR

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